AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listing, of the claims in the application:

Listing of Claims:

Claim 1 (currently amended): A two-piece stent combination for facilitating retrograde supply of oxygenated blood to heart tissue through a coronary sinus comprising:

an arterializing stent having a leading end **configured to be** positioned in a left ventricle and a trailing end **configured to be** positioned in a coronary sinus, and

a restricting covered stent having an underlying restricting stent and a covering, and having a coronary sinus **distal** end **configured to be** positioned in the coronary sinus, and a right atrial **proximal** end, and exhibiting a constriction between said coronary sinus **distal** end and said right atrial **proximal** end.

Claim 2 (original): Two-piece stent combination according to claim 1, wherein a cross section of said restricting covered stent tapers toward said constriction.

Claim 3 (original): The two piece stent combination according to claim 1, wherein a cross section of said restricting covered stent is appropriately sized to control blood flow from said coronary sinus into right atrium.

Claim 4 (original): The two-piece stent combination according to claim 1, wherein said arterializing stent further exhibits a constriction along its length and a cross sectional tapering toward the constriction.

Claim 5 (original): The two-piece stent combination according to claim 1, wherein a cross section of said arterializing stent is appropriately sized to control blood flow from said left ventricle into said coronary sinus.

Claim 6 (original): The two-piece stent combination according to claim 1, wherein a cross section of said restricting covered stent at said constriction and a cross section of said arterializing stent are appropriately sized to keep pressure inside the coronary sinus from rising above about 50 mm Hg while avoiding excessive left-to-right shunting.

Claim 7 (original): The two-piece stent combination according to claim 1, wherein a cross section of said restricting covered stent at said constriction and a cross section of said arterializing stent are appropriately sized to keep pressure inside said coronary sinus from rising above about half systemic pressure.

Claim 8 (original): The two-piece stent combination according to claim 1, wherein said restricting covered stent and said arterializing stent allow compression to fit within a delivery catheter.

Claim 9 (original): The two-piece stent combination according to claim 1, wherein said restricting covered stent and said arterializing stent allow expansion after delivery.

Claim 10 (original): The two-piece stent combination according to claim 1, wherein said arterializing stent and said restricting covered stent are flexible.

Claim 11 (original): The two-piece stent combination according to claim 1, wherein said covering of said restricting covered stent is inside underlying restricting stent.

Claim 12 (original): The two-piece stent combination according to claim 1, wherein said covering of said restricting covered stent is outside said underlying restricting stent.

Claim 13 (original): The two-piece stent combination according to claim 1, wherein said covering of said restricting covered stent partially covers said underlying restricting stent.

Claim 14 (original): The two-piece stent combination according to claim 1, wherein said arterializing stent further comprises a covering.

Claim 15 (original): The two-piece stent combination according to claim 14, wherein said covering of said arterializing stent is inside arterializing stent.

Claim 16 (original): The two-piece stent combination according to claim 1, wherein said arterializing stent is from about 1 cm to about 4 cm in length.

Claim 17 (original): The two-piece stent combination according to claim 1, wherein a cross section of said arterializing stent tapers from the trailing end to the leading end.

Claim 18 (original): The two-piece stent combination according to claim 17, wherein said trailing end of said arterializing end is from about 4 mm to about 6 mm in diameter and said leading end of said arterializing stent is from about 2 mm to about 5 mm in diameter.

Claim 19 (original): The two-piece stent combination according to claim 1, wherein said arterializing stent has a constant cross section.

Claim 20 (original): The two-piece stent combination according to claim 19, wherein said arterializing stent is from about 1 mm to about 6 mm in diameter.

Claim 21 (original): The two-piece stent combination according to claim 1, wherein said restricting covered stent is from about 1 mm to about 15 mm in diameter.

Claim 22 (original): The two-piece stent combination according to claim 1, wherein said constriction of said restriction covered stent is from about 1 mm to about 6 mm in diameter.

Claim 23 (original): The two-piece stent combination according to claim 1, wherein said arterializing stent and said restricting covered stent are of mesh construction.

Claim 24 (original): The two-piece stent combination according to claim 1, wherein said arterializing stent and said restricting covered stent are of coiled construction.

Claim 25 (original): The two-piece stent combination according to claim 1, wherein said arterializing stent and said restricting covered stent are connected.

Claim 26 (currently amended): The two-piece stent combination according to claim 2, wherein said right atrial **proximal** end of said restricting covered stent is positioned within the right atrium.

Claim 27 (currently amended): A method for retrogradely supplying oxygenated blood from a left ventricle to heart tissue via a coronary sinus comprising:

puncturing a hole through said coronary sinus and a wall of said left ventricle,

delivering an arterializing stent through said hole, wherein a leading end is placed in said left ventricle and a trailing end is placed in said coronary sinus,

and delivering a restricting covered stent with a coronary sinus **distal** end positioned within said coronary sinus.

Claim 28 (original): The method according to claim 27, wherein said arterializing stent and said restricting covered stent are delivered percutaneously.

Claim 29 (original): The method according to claim 27, further comprising expanding said arterializing stent after delivery within the hole.

Claim 30 (original): The method according to claim 27, wherein said constriction of said restricting covered stent is positioned to fit approximately within a coronary ostium.

Claim 31 (original): The method according to claim 27, wherein said right atrial end of said restricting covered stent is positioned within a right atrium.

Claim 32 (original): The method according to claim 27, wherein said constriction and said right atrial end of said restricting covered stent are positioned within the coronary sinus.

Claim 33 (original): The method according to claim 27, wherein said arterializing stent is appropriately sized to control blood flow from said left ventricle into said coronary sinus.

Claim 34 (original): The method according to claim 27, wherein said restricting covered stent tapers toward said constriction and is appropriately sized to control blood flow from said coronary sinus into a right atrium.

Claim 35 (original): The method according to claim 27, wherein a cross section at said constriction of said restricting covered stent and a cross section at said arterializing stent are appropriately sized to keep pressure inside the coronary sinus from rising above about 50 mm Hg while avoiding excessive left-to-right shunting.

Claim 36 (original): The method according to claim 27, wherein a cross sectional at said constriction of said restricting covered stent and a cross section at said arterializing stent are appropriately sized to keep the pressure inside the coronary sinus from rising above about half the systemic pressure.